

INTERNATIONAL SEARCH REPORT

Int lonal Application No
PCT/US2004/013102

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47J42/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/41763 A (BIANCO JAMES S) 13 November 1997 (1997-11-13) page 5, line 2 -page 9, line 37 page 12, line 19-28; figures 1-19,25-32	1-7,9,10
X	US 6 057 514 A (MAGUIRE STEPHEN B) 2 May 2000 (2000-05-02) column 4, line 66 -column 6, line 41; figures	1-7,9,10
X	WO 00/65969 A (FOOD EQUIPMENT TECHNOLOGIES IN ;LASSOTA ZBIGNIEW G (US)) 9 November 2000 (2000-11-09) page 12, paragraph 3 -page 26, paragraph 1; figures	10
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

24 August 2004

Date of mailing of the international search report

12/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

De Terlizzi, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/013102

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/113080 A1 (BEAL JOHN ET AL) 22 August 2002 (2002-08-22) paragraph '0037! - paragraph '0049!; figures -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/013102

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9741763	A	13-11-1997	WO 9741763 A1	13-11-1997
US 6057514	A	02-05-2000	NONE	
WO 0065969	A	09-11-2000	WO 0065969 A1	09-11-2000
			US 6626085 B1	30-09-2003
			US 2004123747 A1	01-07-2004
US 2002113080	A1	22-08-2002	DE 10206139 A1	19-09-2002